APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2002-00427 DATED February 10, 2003.

UTILITY ACCIDENT INVESTIGATION REPORT		
Utility:	LG&E Energy Corp. ("LG&E")	
Reported By:	Marty J. Reinert, LG&E	
Accident Occurred:	DATE – September 18, 2002	TIME - Approximately 3:20 PM
Utility Notified:	DATE - September 18, 2002	TIME - Approximately 3:20 PM
PSC Notified:	DATE - September 18, 2002	TIME - 3:45 PM
Investigated:	DATE - September 18, 2002	FOLLOW-UP – October 1, 2002
Written Report Rcvd:	DATE - September 23, 2002	
Location of Accident:	FOX RUN SUBDIVISION – OFF OLD HENRY ROAD, EASTERN JEFFERSON COUNTY (New construction – no known address)	
Description of Accident:	At the start of the job(s) Fishel Electric ("Fishel") and Pike Electric ("Pike") Companies had been assigned to do, Pike Foreman, Dominick Simms, and Fishel Foreman, Chad Best, did not recognize that they would need a grounding elbow. LG&E supervising personnel discovered this and stated that a grounding elbow was furnished to the job site. During the initial investigation of the accident, LG&E personnel discovered that a grounding elbow was found on a Pike electrical truck. When the underground ("UG") system was energized, the morning of the accident, a fault occurred and one of the two (2) loop line fuses blew. This occurred on a single-phase UG loop system that Fishel personnel had installed in a new subdivision just off Old Henry Road. Fishel Foreman Best asked that the other fuse be closed. This was done without a problem. It was discussed by Fishel and Pike personnel as to whom would troubleshoot the UG loop system to determine the cause of the fault. Since Fishel had installed the URD ("Underground Residential Distribution") System, it was decided that Fishel personnel, Foreman Best and apprentice Thomas Lowe, would check the system out. Fishel Foreman Best would disconnect the first URD transformer. He then asked that the line fuse, which had initially blown on the lateral pole on Old Henry Road, be refused and closed to see if it would hold. This was done and the fuse held. Best and Lowe proceeded with further inspections (troubleshooting) of the URD System. UG transformers and pull boxes were checked. After checking the URD System, Best and Lowe met with Pike Foreman Simms and other personnel at the URD transformer that feeds the UG lateral cable Pike personnel would be working on. Best said he could not find any trouble. Best said the Pike personnel "laughed." It	

Description of Accident: (cont.)	was later discovered that the initial fault occurred at the end of the UG cable that had been rolled up at the base of pole 50663-89316. Pike's assignment was to terminate and connect the UG lateral line to the existing old overhead line in order to serve two homes outside of the new subdivision line. Fishel Foreman Best and Pike Foreman Simms went to lateral pole #50663-89316 to make sure they were working on the right cable. They did this by working the cable up and down in the UG conduit. Fishel apprentice Lowe had remained at the URD transformer to see which cable moved. The two foremen returned to the UG transformer where Lowe was. The two foremen, Best and Simms, had a discussion. Best said he told Simms he would go and energize the UG system. Best said Simms asked him to let him know if the fuse held. An interview was held at the accident site with Simms. He said he did not remember their conversation that way, and if it was, he must have been "brain dead" that day. Fishel Foreman Best energized the UG system and the line fuse blew. It was at this point that the accident occurred. Mr. Walt Walker, a Line Tech-A for Pike, had started to work on the UG lateral cable near pole #50663-89316. Walker received a shock and was fatally injured. Walker was not wearing his rubber gloves or sleeves at the time of the accident. The URD transformer involved in this accident had a double feed-through bushing. The other URD cable, coming from the first transformer and feeding the new subdivision, was plugged into the other side of the same double feed-through bushing. When the feed from the first URD transformer was energized, it energized a portion of the UG system, including the lateral cable that was being worked on. Best and Simms failed to recognize the need for, and failed to install the necessary grounding elbow prior to energizing this UG system. Fishel Foreman Best had attached a red Hold Card to the elbow on the double feed-through bushing on the URD transformer. The red Hold Card was visible to Pike Foreman Simms and other personnel at the site. Best improperly used a red Hold Card as a message card, instead of a white Message Card. LG&E's normal practice is to use a white message card for information or instruction (during subsequent interviews). Best said, "I did not know to use a white card for messages, but I do now."

Victims:						
	Name:	Walt Walker	**Fatal:**	YES	**Age:**	46
	Addr./Empl.:	23268 #8, Huntington, WV Pike Electric Company, Mt. Airy, NC				
	Injuries:	Electrocution				

	Name	Address/Employment
Witnesses:	Chad Best (Fishel Foreman) 9703 Independence School Road Louisville, KY 40212	Employee – Fishel Construction Co. 4508 Bishop Lane, Louisville, KY
	Thomas Lowe (Fishel Apprentice) 9111 Loch Lea Lane Louisville, KY 40261	Employee – Fishel Construction Co. 4508 Bishop Lane Louisville, KY
	Dominick Simms (Pike Foreman) 6775 Pioneer Trail Georgetown, IN 47122	Employee – Pike Electric Co. P. O. Box 868 Mt. Airy, NC
	Scott Ellis (Pike Working Foreman)	Employee – Pike Electric Co. RR #1, Box 145-J Chapmanville, WV
	Eric Dillahunty (Pike C-Line Tech)	Employee – Pike Electric Co. 3508 Wyndemere Court New Albany, IN

	Name	Address/Employment
Sources of Information:	Keith McBride	Employee & Investigator, LG&E Louisville, KY
	Chad Best (Fishel Foreman) 9703 Independence School Road Louisville, KY 40212	Employee – Fishel Construction Co. 4508 Bishop Lane, Louisville, KY
	Thomas Lowe (Fishel Apprentice) 9111 Loch Lea Lane Louisville, KY 40261	Employee – Fishel Construction Co. 4508 Bishop Lane Louisville, KY
	Dominick Simms (Pike Foreman) 6775 Pioneer Trail Georgetown, IN 47122	Employee – Pike Electric Co. P. O. Box 868, 6775 Pioneer Trail Mt. Airy, NC
	Scott Ellis (Pike Working Foreman)	Employee – Pike Electric Co. RR #1, Box 145-J Chapmanville, WV
	Eric Dillahunty (Pike C-Line Tech)	Employee – Pike Electric Co. 3508 Wyndemere Court New Albany, IN
	John Lucket	Employee, LG&E Team Leader over Pike Contract Crews, Louisville, KY

Probable Violations:	807 KAR 5:041, Section 3, National Electric Safety Code 1990 Edition, Section 41, Protective Methods and Devices, Rule 411. A. 3. & 4. (3). Employees shall be instructed as to the character of the equipment or lines and methods to be used before any work is undertaken thereon. (4). Employees should be instructed to take additional precautions to ensure their safety when conditions create unusual hazards. Section 42, General-Rules for employees, Rule 420. C. 4., D., H. (C) Safeguarding Oneself and Others. (C4) Employees who work on or in the vicinity of energized lines shall consider all of the effects of their actions, taking into account their own safety as well as the safety of other employees on the job site, or on some other part of the affected electric system, the property of others, and the public in general. (D) Energized or Unknown Conditions. Employees shall consider electric supply equipment and lines to be energized, unless they are positively known to be de-energized. Before starting work, employees shall perform preliminary inspection or tests to determine existing conditions. Operating voltages of equipment and lines should be known before working on or in the vicinity of energized parts. (H) Tools and Protective Equipment Employees shall use the personal protective equipment, the protective devices, and the special tools provided for their work. Before starting work, these devices and tools shall be carefully inspected to make sure they are in good condition. Section 42, Rule 421. A. 1. & 2. General Operating Routines (A) Duties of a First Level Supervisor or Person in Charge This individual shall: 1. Adopt such precautions as are within this individual's authority to prevent accidents. 2. See that the safety rules and operating procedures are observed by the employees under the direction of this individual.

Probable Violations: (cont.)	807 KAR 5:006, Section 24. Safety Program. Each utility shall adopt and execute a safety program, appropriate to the size and type of its operations. (1) Establish a safety manual with written guidelines for safe working practices and procedures to be followed by utility employees. LG&E Energy HEALTH & SAFETY Manual A. GENERAL RULES A.23. Hold Card/Red Tag and Lockout Devices. A.23.4 Note: Reference to Company Policy/Procedure for Lockout/Tagout. C. DISTRIBUTION C.1.1. Before work is commenced a job briefing (tailgate conference) shall be held with all employees to orient each employee as to: a. The hazards associated with the job. b. The work procedures involved. c. Any Special precaution to be taken. d. All energy source controls. e. Personal protective equipment required. C.1.2. Electrical equipment and lines shall always be considered as energized unless they are positively known to be dead and grounded. Before work is started on energized equipment or circuits, a preliminary inspection (or test) shall be made to determine existing conditions. D. UNDERGROUND RESIDENTIAL DISTRIBUTION D.3.1 Company Lockout/Tagout Procedures shall be followed when sectionalizing URD systems. D.4. Grounding-URD D.4.1 All URD cables and equipment, including services, that have been energized or could become energized from any source, shall be considered as energized until the equipment is positively proven to be de-energized with an approved voltage detector and has been grounded. D.4.2 Before doing work on de-energized primary circuits or equipment: (1) a visible open break shall be provided, (2) a voltage test shall be made; and (3) the equipment shall be grounded.

Probable Violations: (cont.)	D.4.4 De-energized cables shall be grounded at a point as close to the work as possible before work is started. D.4.5 All underground cables and apparatus carrying current at voltages above 600 volts shall be de-energized and grounded before cables are worked. D.5. Work on Energized Equipment—URD D.5.1 All underground cables and apparatus carrying current at voltages above 600 volts shall be de-energized before work is done on the conductor or before the cables are cut into or spliced.

Line Measurements Taken at Incident Site	Measured	Minimum Allowed by NESC	Applicable NESC Edition[1] 1990	Volt.	Constr. Date
URD Transformer to Incident Site:	183 feet	N/A	N/A	7200	2002
URD Transformer to Lateral Pole:	215 feet	N/A	N/A	7200	2002

Date of Measurement	SEPTEMBER 18, 2002
Approximate Temperature:	85°
Measurements Made By:	LG&E Personnel
Investigated By:	Gary Grubbs, PE Manager, Electric Branch Division of Engineering John W. Land, Electric Investigator David G. White, Electric Investigator
Signed / Date	Gary E. Grubbs, PE — 11/15/02 Date John W. Land — 11/15/02 Date David G. White — 11-15-02 Date

Attachments: A. Accident Report
B. Photographs of Accident Site

[1] Current edition adopted by the Commission. If clearances are not in compliance with the current edition, then the edition in effect when the facilities were last constructed or modified would apply.

Attachment A
Accident Report

LG&E ENERGY®

Marty J. Reinert
Regulatory Analyst II
Regulatory Compliance

LG&E Energy Corp.
220 West Main Street (40202)
P. O. Box 32010
Louisville, Kentucky 40232
502-627-4173
502-627-3213 FAX

September 27, 2002

Mr. Gary Grubbs, Manager
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602

RE: Contractor Electrocution
Fox Run Subdivision
Louisville, KY

Dear Mr. Grubbs:

Attached is an "Investigation Report" on the above incident which was prepared by Keith McBride. This is filed as a follow-up to the September 23rd letter.

If you need additional information concerning this incident, please feel free to contact me at (502) 627-4173.

Sincerely,

Marty J. Reinert

Marty J. Reinert
Regulatory Compliance

Attachment

INVESTIGATION REPORT

Contractor Electrocution
Type of Report

02-E-038
Report Number

Keith McBride
Investigator

September 18, 2002
Date of Incident

Reference: **Electrocution of a Pike Electric Company Employee**

Location: **Fox Run Subdivision off Old Henry Road Eastern Jefferson County (new construction – no known address)**

Case Summary

On September 18, 2002 at approximately 3:20pm LG&E Electric Trouble Dispatchers received a call over the radio requesting EMS for a man down. The call came from a Pike Electric Company Foreman. The preliminary report was that a man was "shocked and down." I notified Marty Reinert of LG&E's Regulatory Compliance Department and he in turn notified the Kentucky Public Service Commission.

Investigation

On September 18, 2002 at approximately 3:20pm two Pike Electric Company ("Pike") crews were working to attach an underground lateral cable (line) to a pole and terminate it to an overhead line. One employee was holding the lateral cable while kneeling on the ground and was using a knife to skin the insulation off of the lateral cable. At this time the line became energized and the Pike employee received a shock from the 7200 volt URD cable. The Pike employee was transported to University of Louisville Hospital via EMS. The Pike Electric employee died at the hospital.

Investigation of the scene found that the area was under construction and was to be a new subdivision. The subdivision was to be fed via a URD electric system which had been installed by the Fishel Electric Company ("Fishel"). Pike Electric

Company was to attach the URD lateral lines to a pole on Old Henry Road and terminate them to the overhead system that was to feed the URD system.

Pike was to also attach another lateral cable to a pole and terminate it to an overhead branch line (that was feeding two homes not within the new subdivision). The remaining overhead branch line was to be removed. After terminating the lateral lines on Old Henry Road, the Pike crews went to the area of the pad mounted transformer, in the subdivision, where the other lateral line was fed.

While the Pike crew was working on the lateral, a Fishel Company electric crew arrived on scene and was to energize the URD system by fusing up the lateral lines on Old Henry Road. We understand that the Pike and the Fishel crews were at the lateral pole on Old Henry when the fusing was being done. When the Fishel crew fused up the first lateral, the fuse blew. They then fused the second lateral and the fuse held. The Fishel crew went to the first transformer and stood the elbow off, thus de-energizing that section of URD cable. The Fishel crew then started to check all of the URD splice boxes and pad mounted transformers in the subdivision to find the problem.

Meanwhile, the Pike Electric crews proceeded to the area where the other lateral and lateral pole was located within the subdivision and started their work. The Fishel crew stated that they could not find anything wrong in any of the splice boxes or in any of the pad mounted transformers. Fishel then went to the area of the transformer that the aforementioned lateral was connected to and told the Pike Foreman that they did not find anything wrong.

Chad Best of the Fishel crew stated that he advised Pike that the Fishel Crew was going to plug the elbow in and re-energize the URD cable coming out of the first transformer and see if the fuse would hold. Pike continued with their work on that lateral line. The Fishel crew plugged the elbow in and the fuse blew a second time. At this point they noticed the Pike employees running and thought there was something wrong. When they arrived at the Pike work site they found that a Pike employee had received a shock from the 7200 volt URD lateral line.

Subsequent inspection of the transformer and the lateral line found that the lateral line that the Pike employees were working on was plugged into a double feed-through bushing. The other URD cable coming from the first transformer and feeding the entire subdivision was plugged into the other side of the *same* double feed-through bushing. When Fishel energized the first transformer, they energized the subdivision's URD cable and the lateral line at the same time. Photographs and measurements were taken of the scene.

Weather – sunny 85 degrees
Lateral pole number – 50663 / 89316
Transformer to incident site 183ft / Transformer to lateral pole – 215ft

URD cable - 1/0 cable with a concentric neutral
Voltage - 7200

Pike Electric Company
PO Box 868
Mt. Airy, North Carolina 27030-9908
1-800-343-7453

Walt Walker - deceased
Line Tech – A / Pike
12168 Rear #8
Huntington, West Virginia
(304) 529-1676

Dominick Simms – Foreman Pike
6775 Pioneer Trail
Georgetown, Indiana 47122
(812) 366-4124

Scott Ellis - Working Foreman / Pike
RR #1 Box 145-J
Chapmanville, West Virginia 25508
(304) 855-1323

Eric Dillahunty – C-Line Tech / Pike
3508 Wyndemere Court
New Albany, Indiana 47150
(812) 968-7888

Fishel Company
4508 Bishop Lane
Louisville, Kentucky 40218
(502) 456-2900

Chad Best - Lead B-Line Tech / Fishel Company
9703 Independence School Road
Louisville, Kentucky 40212
(502) 239-3282

Thomas Lowe Apprentice / Fishel Company
9111 Loch Lea Lane
Louisville, Kentucky 40261
(502) 231-8615

LG&E Energy Services
FACSIMILE COVER SHEET

From: Mary Ann Baird

Telephone Number (502) 627- 4173
220 West Main Street - 5th Floor
Louisville, Kentucky 40202
Regulatory Affairs Fax Number: (502) 627-3213

Faxing to Fax Number: 502-564-1582

Company: Ky PSC

Attn: John Lyons

Comments: Summary + request for extension

Number of Pages 3 **(including this cover page)**
Please call _____ **at (502) 627-** _____
if you did not receive all pages.

LG&E KU

LG&E ENERGY

Marty J. Reinert
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Regulatory Compliance

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P.O. Box 615
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Louisville, KY

Dear Mr. Grubbs:

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Sincerely,

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Marty J. Reinert
Regulatory Compliance

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LG&E Energy Services
FACSIMILE COVER SHEET

FAX RECEIVED
9.27.02 @
3:00PM

From: MARTY & REINERT

Telephone Number (502) 627-
220 West Main Street - 5th Floor
Louisville, Kentucky 40202
Regulatory Affairs Fax Number: (502) 627-3213

CC: G. GRUBBS
D. WHITE
J. LAND

Faxing to Fax Number: 502-564-1582

Company: KY PSC

Attn: GARY GRUBBS

Comments: INVESTIGATION REPORT

Number of Pages 6 (including this cover page)
Please call _____ at (502) 627-_____
if you did not receive all pages.

LG&E KU

LG&E ENERGY

Marty J. Reinert
Regulatory Analyst II
Regulatory Compliance

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Walt Walker - deceased
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12168 Rear #8
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Chapmanville, West Virginia 25508
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3508 Wyndemere Court
New Albany, Indiana 47150
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9703 Independence School Road
Louisville, Kentucky 40212
(502) 239-3282

Thomas Lowe Apprentice / Fishel Company
9111 Loch Lea Lane
Louisville, Kentucky 40261
(502) 231-8615

Gary
FYI

LG&E Energy Services
FACSIMILE COVER SHEET

From: Mary Ann Baisert

Telephone Number (502) 627- 4173
220 West Main Street - 5th Floor
Louisville, Kentucky 40202
Regulatory Affairs Fax Number: (502) 627-3213

Faxing to Fax Number: 502-564-1582

Company: Ky PSC

Attn: John Lawson

Comments: Summary + request for extension

Number of Pages 2 (including this cover page)
Please call _____ at (502) 627- _____
if you did not receive all pages.

LG&E KU

Marty J. Reinert
Regulatory Analyst II
Regulatory Compliance

LG&E Energy Corp.
220 West Main Street (40202)
P. O. Box 32010
Louisville, Kentucky 40232
502-627-4173
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September 23, 2002

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Regulatory Compliance

Attachment

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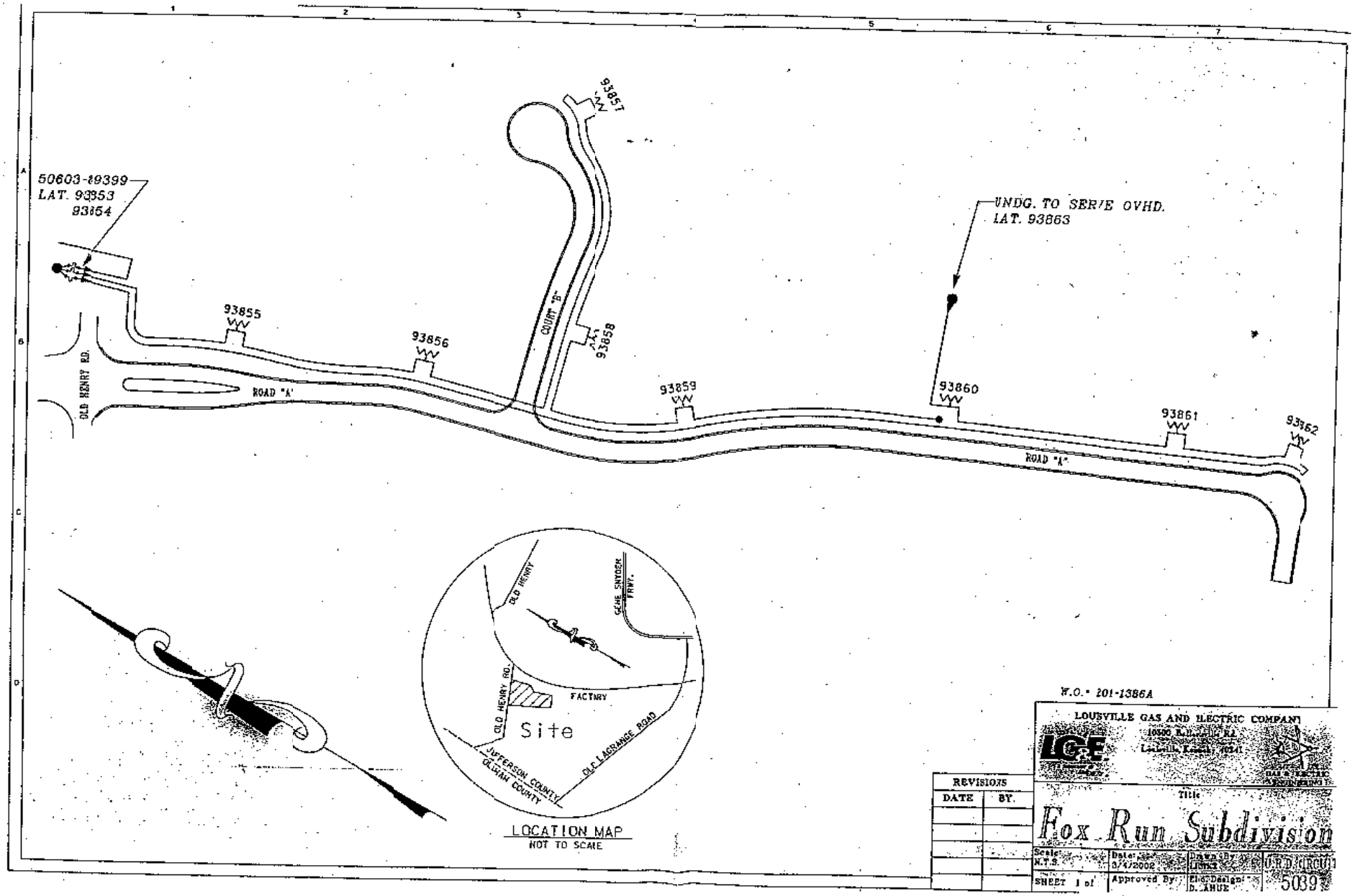


LOCATION MAP
NOT TO SCALE

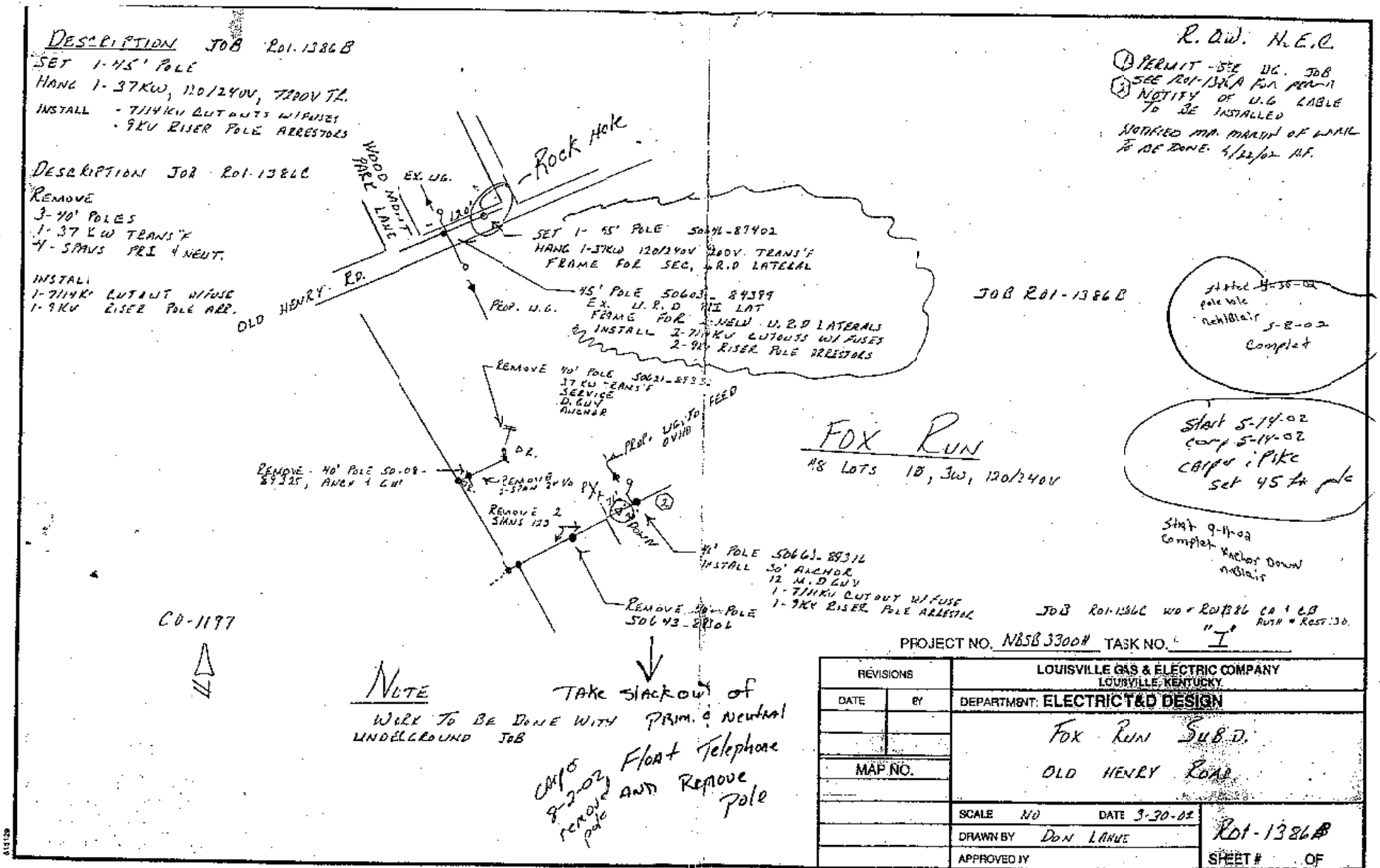
W.O.# 201-1386A

LOUISVILLE GAS AND ELECTRIC COMPANY
10500 Bluegrass Parkway
Louisville, Kentucky 40241

REVISIONS	
DATE	BY

Title
Fox Run Subdivision

Scale: N.T.S.	Date: 3/17/2008	Drawn By: LEWIS	CARD CIRCUIT 5039
SHEET 1 of	Approved By:	Elec. Design: D. AHUE	



PROJECT NO. N&SB 3300# TASK NO. "I"

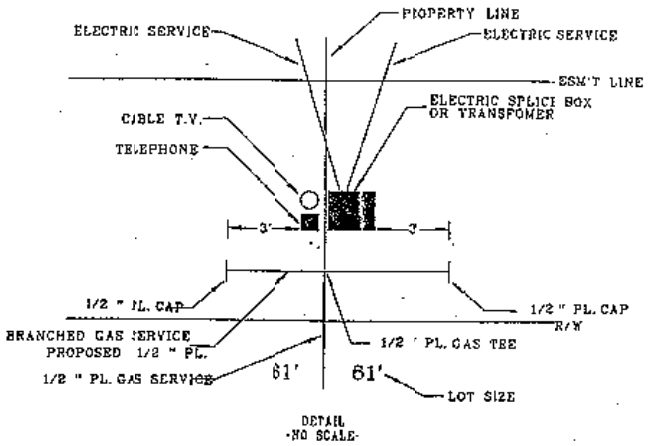
REVISIONS		LOUISVILLE GAS & ELECTRIC COMPANY LOUISVILLE, KENTUCKY
DATE	BY	DEPARTMENT: ELECTRIC T&D DESIGN
		FOX RUN SUB'D.
MAP NO.		OLD HENRY ROAD
		SCALE NO DATE 3-30-02
		DRAWN BY DON LANUE
		APPROVED BY

R01-1386B

SHEET # OF

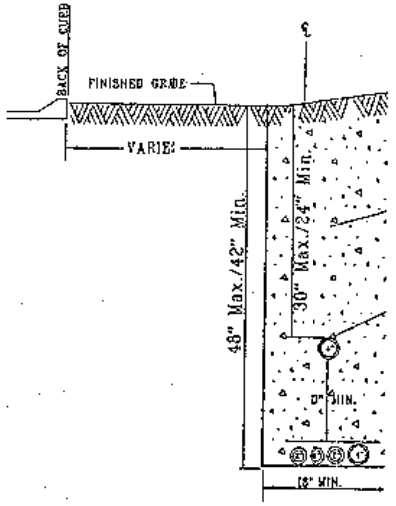
To Lay - 4/3/2002

GAS SERVICE LOCATION WITH ELECTRIC SPLICE BOX



DETAIL
-NO SCALE-

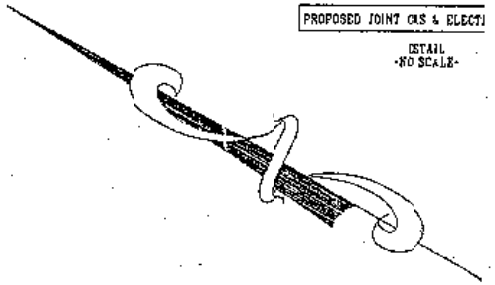
PROPOSED ROAD CROSSING IN E IN R

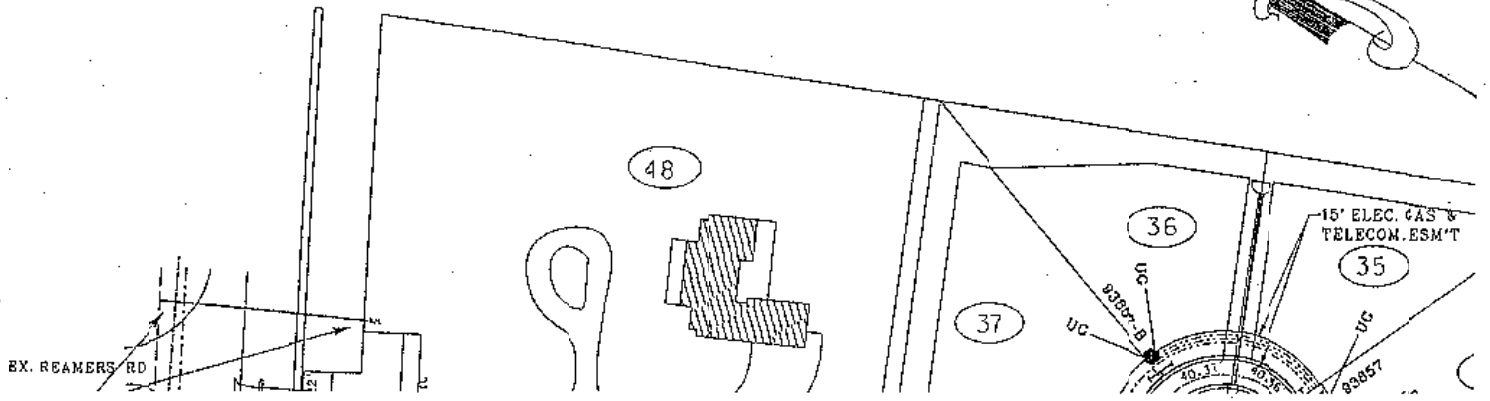


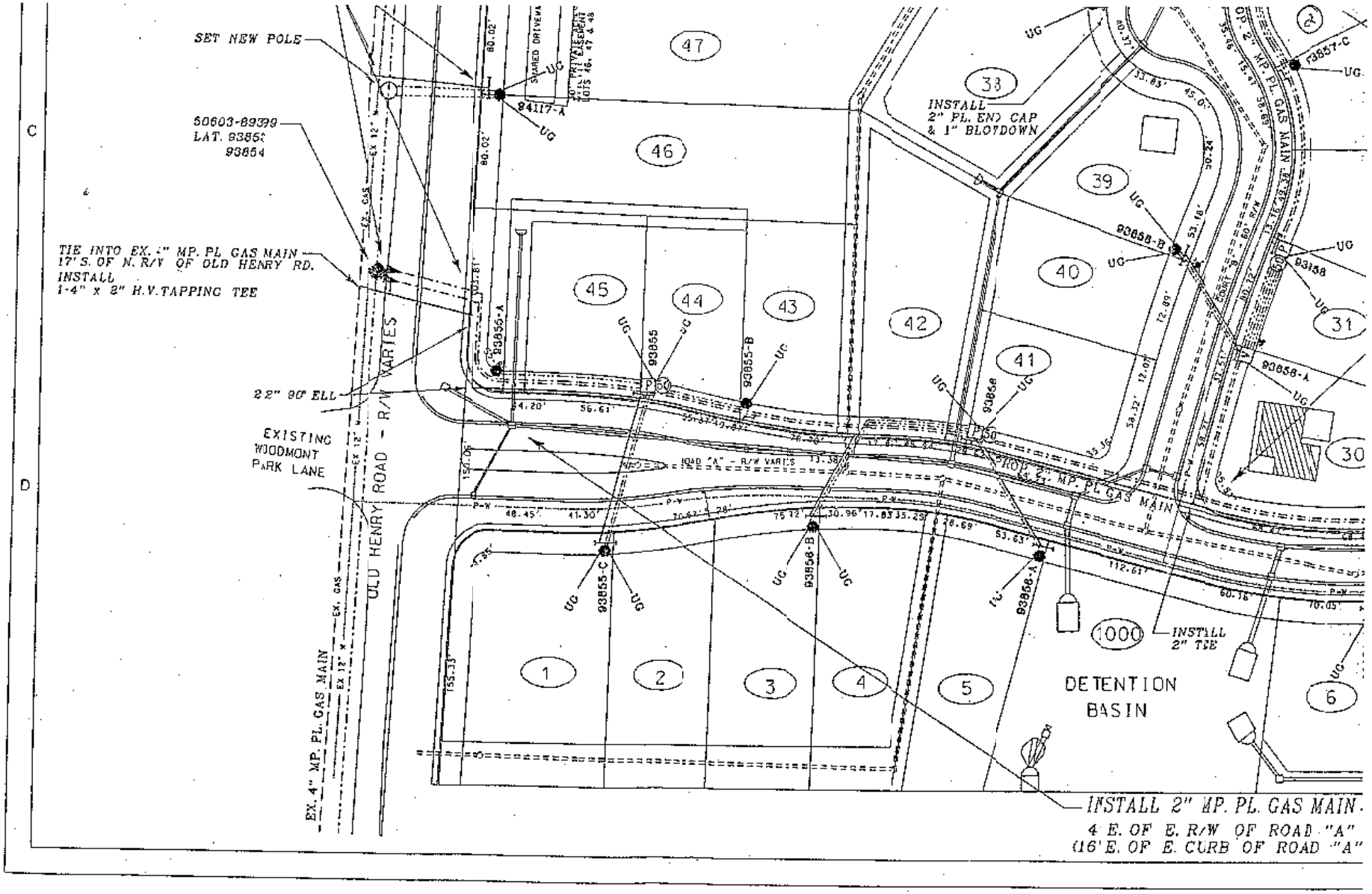
PROPOSED JOINT GAS & ELECTI

DETAIL
-NO SCALE-

BEFORE "U" DIG
CALL TOLL FREE
1-800-752-6007
FOR BURIED LINE/
CABLE LOCATIONS.






SET NEW POLE
50603-89399
LAT. 93852
93854
TIE INTO EX. 4" MP. PL. GAS MAIN
17' S. OF N. R/W OF OLD HENRY RD.
INSTALL
1-4" x 2" H.V.TAPPING TEE
2-2" 90° ELL
EXISTING
WOODMONT
PARK LANE
OLD HENRY ROAD - R/W VARIES
EX. 4" MP. PL. GAS MAIN
EX. GAS
EX. 12"
SHARED DRIVEWAY
PRIVATE EASEMENT
LOTS 46, 47 & 48
84117-A
93856-A
93855
93855-B
93855-C
93856-B
93856
93856-A
93857-C
93158
93658-B
93658-A
INSTALL
2" PL. END CAP
& 1" BLOWDOWN
INSTALL
2" TEE
DETENTION
BASIN
INSTALL 2" MP. PL. GAS MAIN
4' E. OF E. R/W OF ROAD "A"
(16' E. OF E. CURB OF ROAD "A"
ROAD "A" - R/W VARIES
2" MP. PL. GAS MAIN
UG
P-W
C
D

T (48" DEPTH MAX.)
K (42" DEPTH MIN.)

BED AND BACKFILL WITH SAND OR E.C.A.

GAS MAIN CASING

ELECTRIC, TELEPHONE, AND CABLE CONDUITS

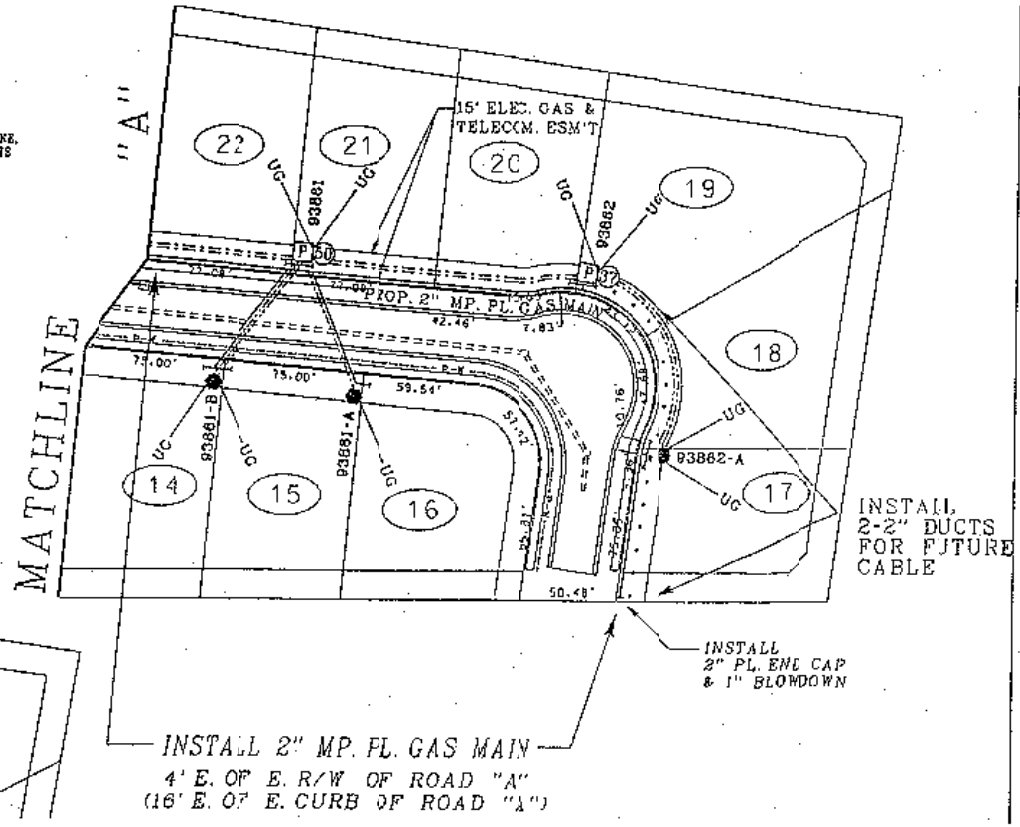
TRENCH

JOB BRIEFING

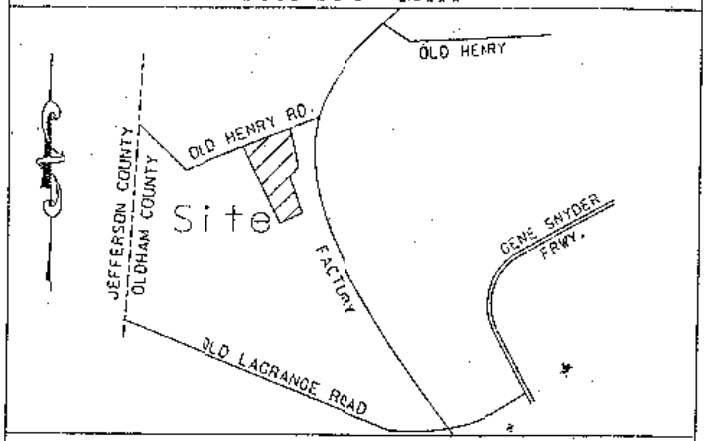
1.) HAZARDS ASSOCIATED WITH THE JOB ☐
2.) WORK PROCEDURES INVOLVED ☐
3.) SPECIAL PRECAUTIONS ☐
4.) ENERGY SOURCE CONTROLS ☐
5.) PERSONAL PROTECTIVE EQUIPMENT REQUIRED ☐

Signature

Attendees



VICINITY MAP



GAS NOTES

CONTRACTOR SHALL MAKE ALL TIE-INS AND CUT OUTS; AND CONTRACTOR SHALL RETURN TO JOB SITE AND MAKE ALL FINAL CUT OUTS AND BACKFILL ALL COMPLETED SERVICE CHANGE-OVER HOLES.

ALL GAS PIPING TO BE INSTALLED IN ACCORDANCE WITH THE CONTRACT CONSTRUCTION SPECIFICATION SHEET (GECS-100, Rev. 1/99)

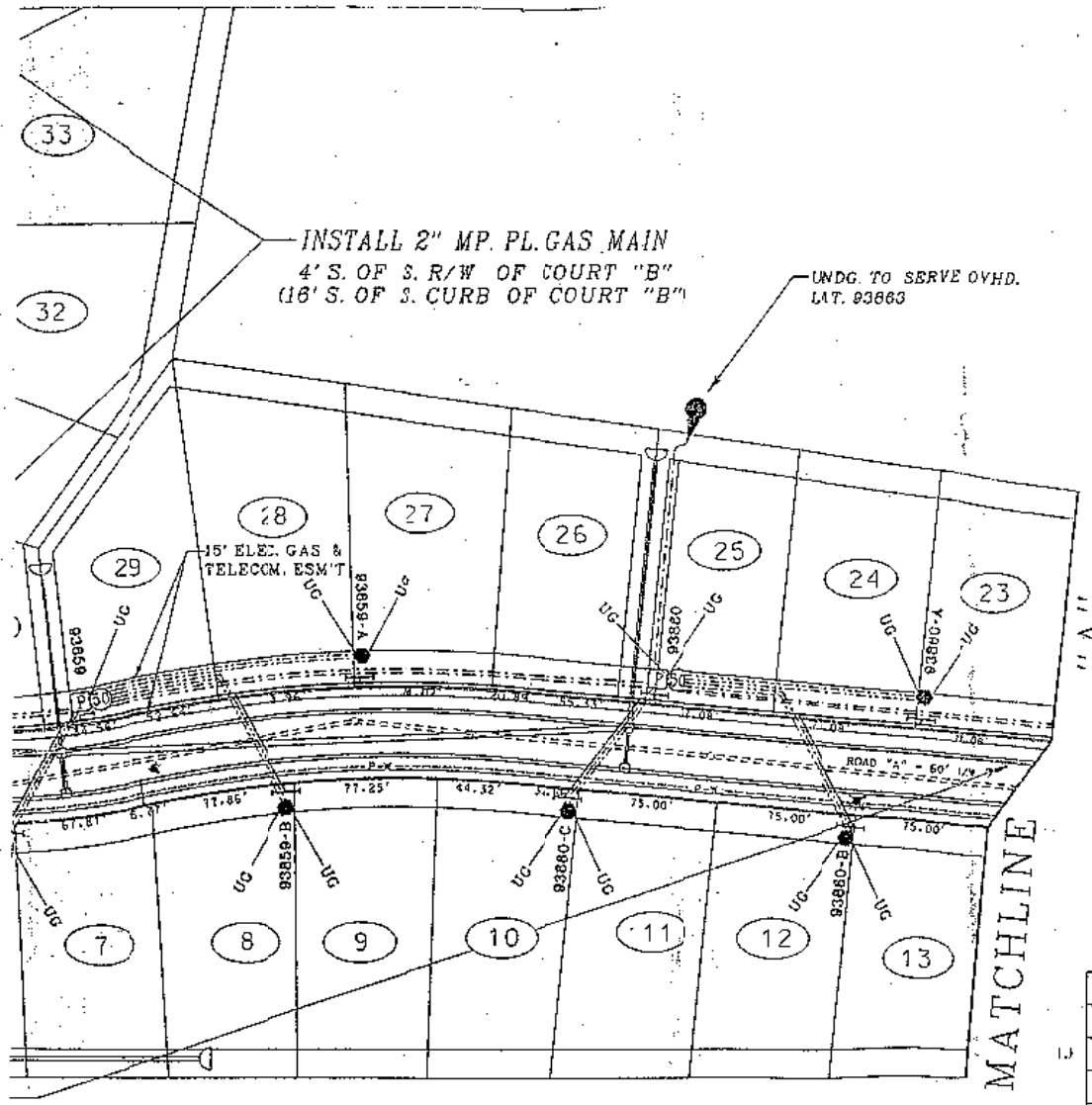
ALL DISTURBED LAWN AREAS ARE TO BE REPLACED WITH SOD.

AIR TEST @ 100 lbs. MEDIUM PRESSURE

CONTRACTOR: FISHEL
G.W.O.: 416070
TASK: Y63289A
PROJECT: 101159
TAX DIST. : 125
MAP PAGE : 497-B&4 BV

C.W.O.: Y63289A 2" PL. GAS MAIN - 2,325'

25 - JOINT TRENCH ½" SERVICES



1.1 Changed Transf. 93859 for Fire Hydrant

LEGEND

(4)

GAS LEGEND

- EXISTING GAS MAIN
- PROPOSED GAS MAIN
- EXISTING WATER MAIN
- EXISTING SEWER MAIN

ELECTRIC LEGEND

- PRIMARY CABLE 1/0- 1/C- 15 KV.- 220 M. ALUM.
- SECONDARY CABLE 4/0- 2/C- 600 V.ALUM. TRIPLEX
- UG UNDERGROUND SERVICE
- DIRECT BURIED DUCT- 2" PVC. "NO CABLE"
- P50 PADMOUNT TRANSFORMER
- SUBGRADE SPLICE BOX
- EXISTING SUBGRADE SPLICE BOX
- POTHEAD ON LATERAL POLE
- V PULLBOX

ELECTRIC NOTES

ALL ELECTRIC CABLES IN 2" PVC. DIRECT BURIED DUCT DUE TO JOINT TRENCH INSTALLATION WITH TELECOMUNICATIONS. CABLE T.V.'s GAS

TRANSF.* 93855-93863
LOT'S* 1-47
CIR.* 5039
OVHD.CIR.* CO-1197
PROJECT* R011386AA
TASK* NBSB330UG
MAP*49*-884
ZIP* 40245

Revised

LOUISVILLE GAS AND ELECTRIC COMPANY
4900 ENTERPRISE DRIVE
Louisville, Kentucky 40214
A SUBSIDIARY OF LG&E ENERGY
GAS & ELECTRIC ENGINEERING

REVISIONS	
DATE	BY
7/22/02	J.E.J.

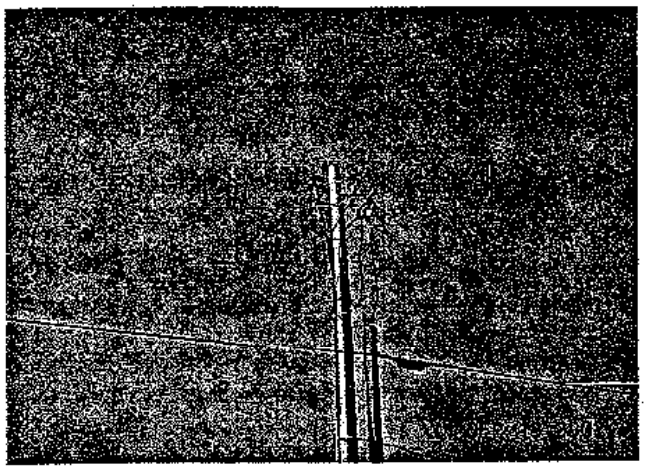
Title

Fox Run Subdivision

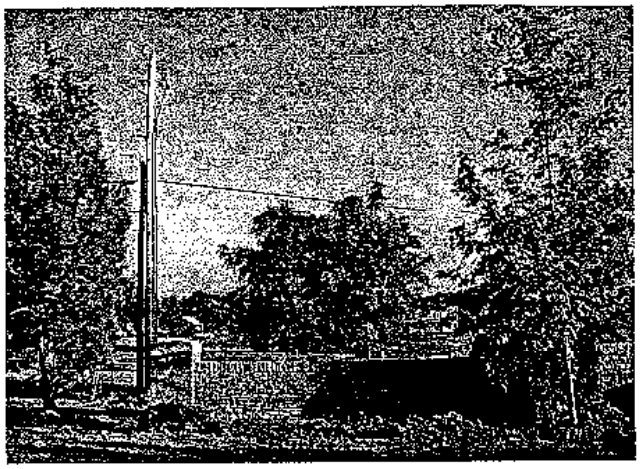
Scale: 1"=60'	Date: 2/11/2002	Gas Design: MILLER/JUSTICE	GAS-3-17794
SHEET 1 of 1	Approved By:	Elec. Design: D. LAHUE	ELEC-R01-1386

Attachment B

Photographs of Accident Site

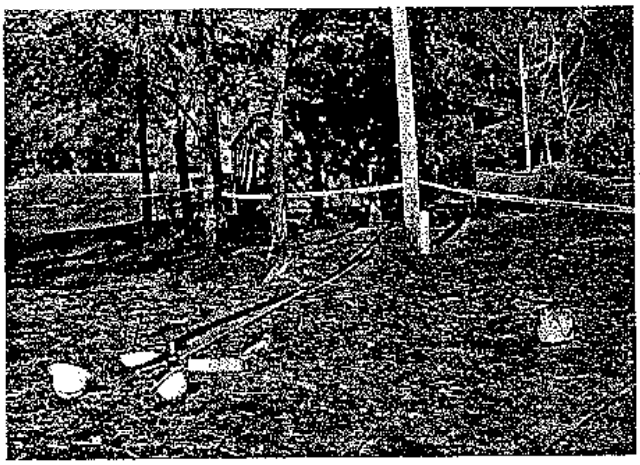


Underground "Drop Pole" Feed for Subdivision

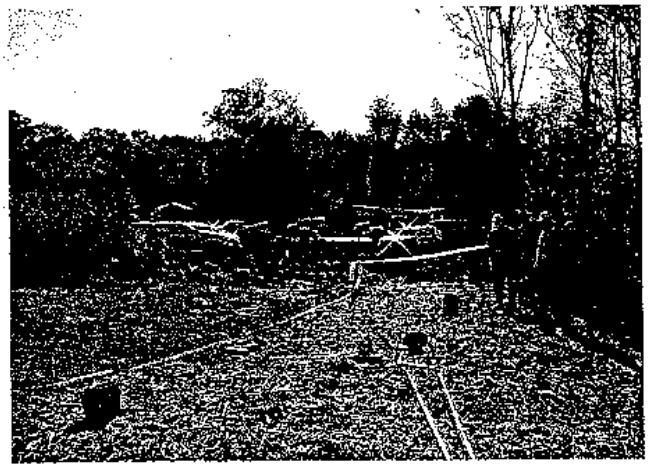


View from drop pole to accident sight (behind house)

Accident area with PPE on-sight



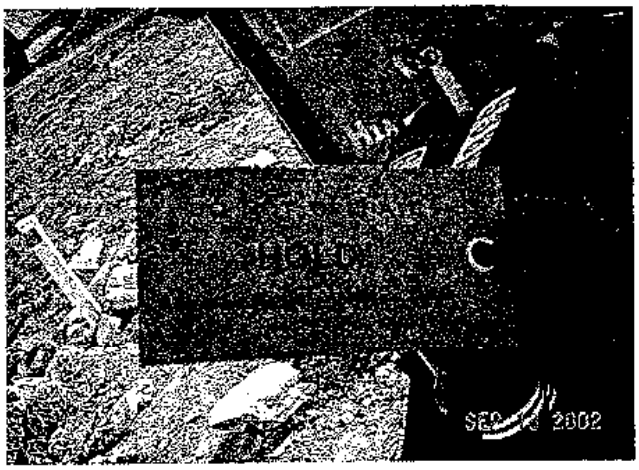
Accident area with PPE on-sight



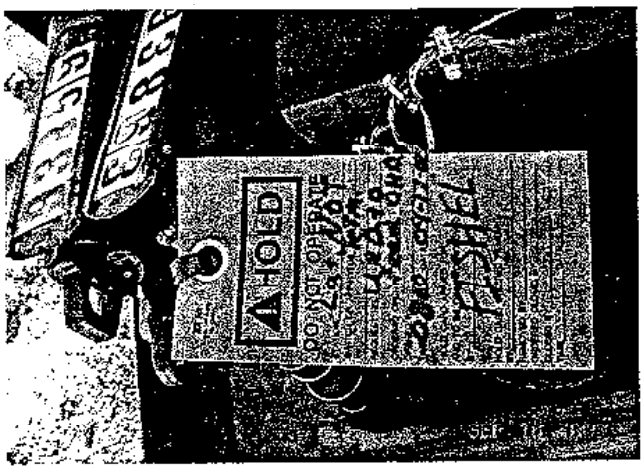
View from accident area toward pad mount transformer

Subdivision layout

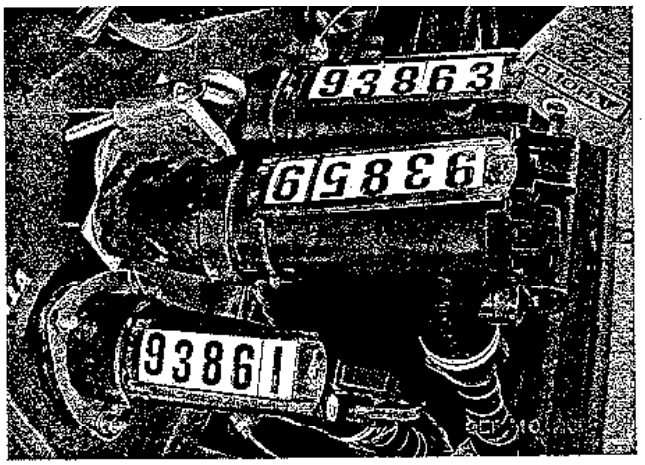
Pad Mount Transformer showing installed card and cable terminations



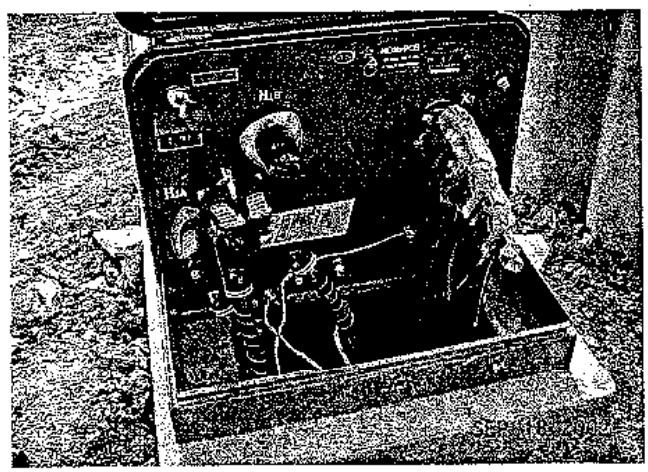
Card installed



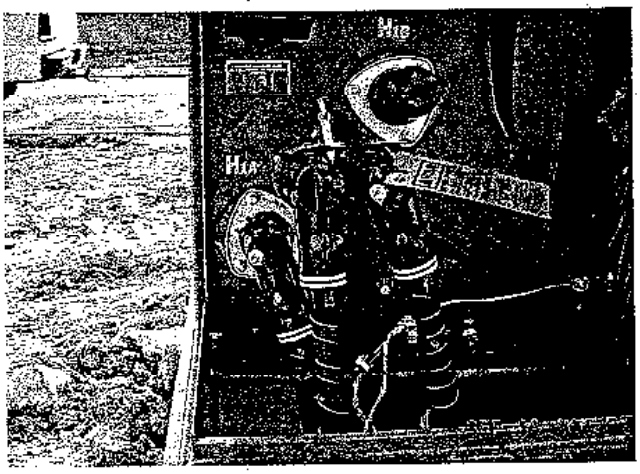
Wording on installed "Card"



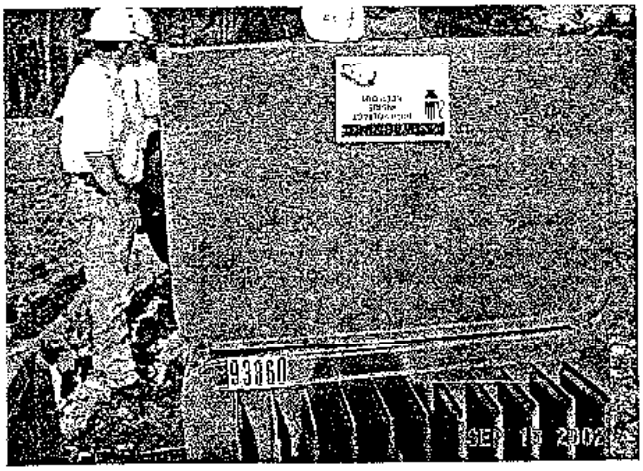
Transformer/Cable Terminations



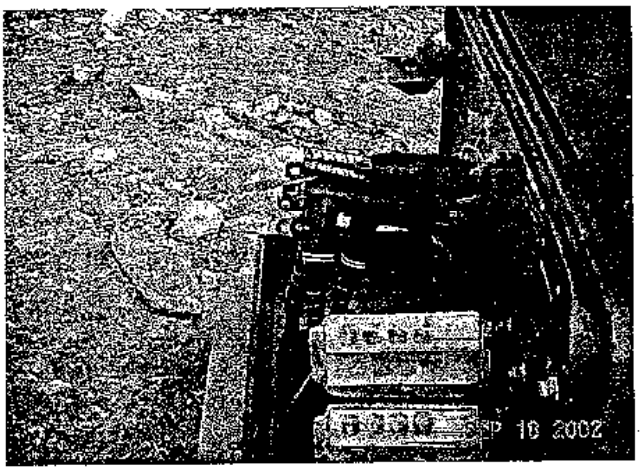
Transformer – source for lateral



Transformer – source for lateral

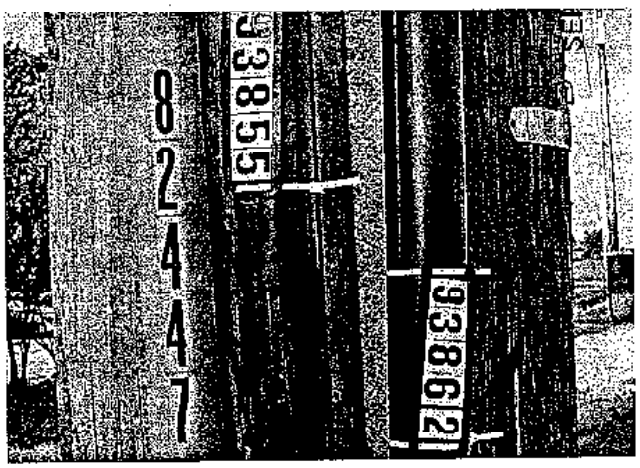


Pad Transformer

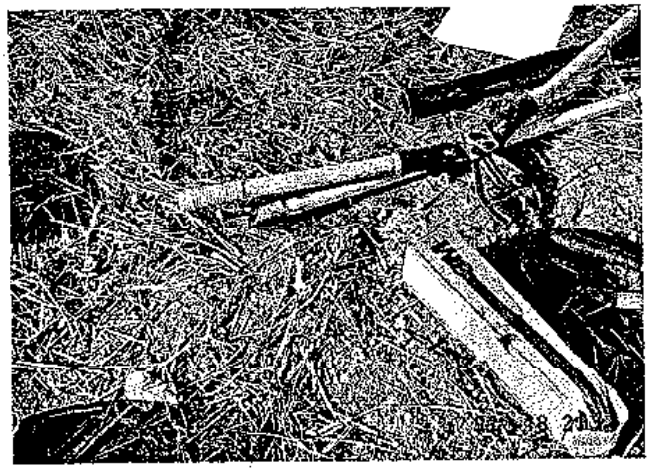


Pad Transformer

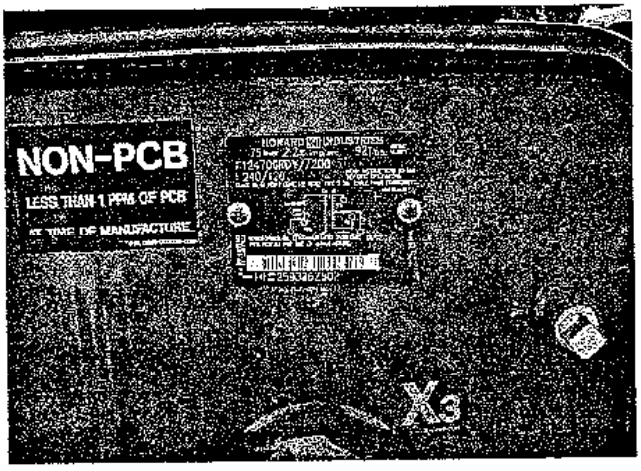
Cable Tag



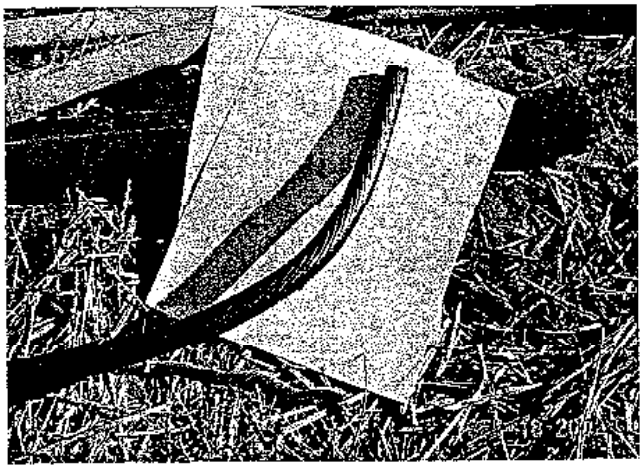
Cable Tags at Drop Pole



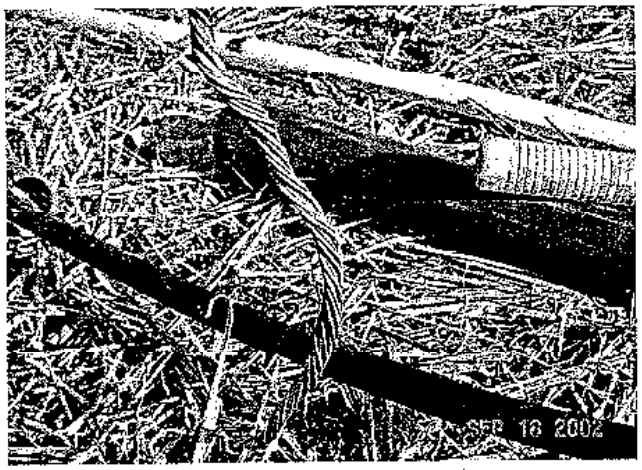
Accident Site



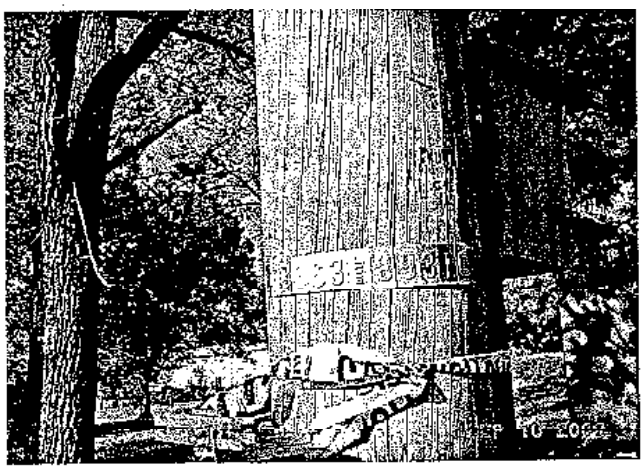
Pad Transformer Nameplate



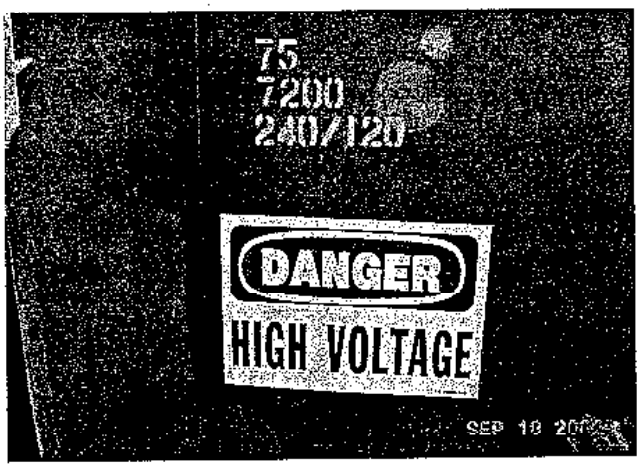
Cable End ~ Accident Contact Burn/Arc Marks



Cable Neutral ~ Burn/Arc Marks



Lateral Pole At Accident Site



Pad Transformer

View From Pad Transformer Toward Accident Site

Entrance Of Subdivision

LG&E ACCIDENT ~ 09/18/2002

This section of cable is the portion apparently removed from the underground lateral by Mr. Walker prior to the accident that resulted in his fatility.

The cable shows results of arcing that was apparently due to the initial fault.

Photo was provided to the KY PSC by Mr. Keith McBride of LG&E.

Elastimold®

Grounding Elbow (1/0 AWG x 6' Ground Lead)

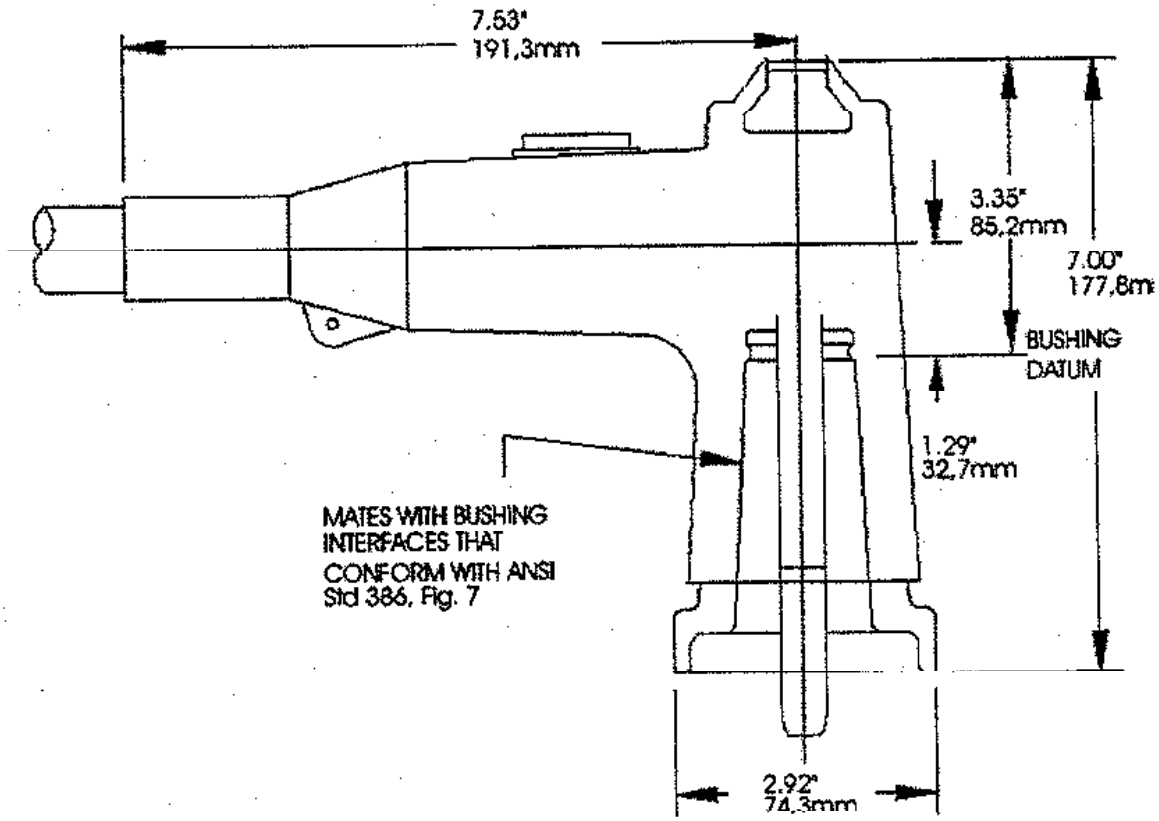
Separable Connectors

200 Amp Loadbreak

160GLR

Voltage Class 15kV

PRODUCT PAGE



Description

- The 160GLR grounding elbow is designed to visibly ground cables, transformers, switchgear or other equipment. It can be operated alone or in combination with the 164FT feedthru. The 160GLR grounding elbow has a stainless steel pulling eye and a 1/0 AWG, 6 ft, 600 volt insulated, stranded, tinned copper ground lead.

Ordering Instructions

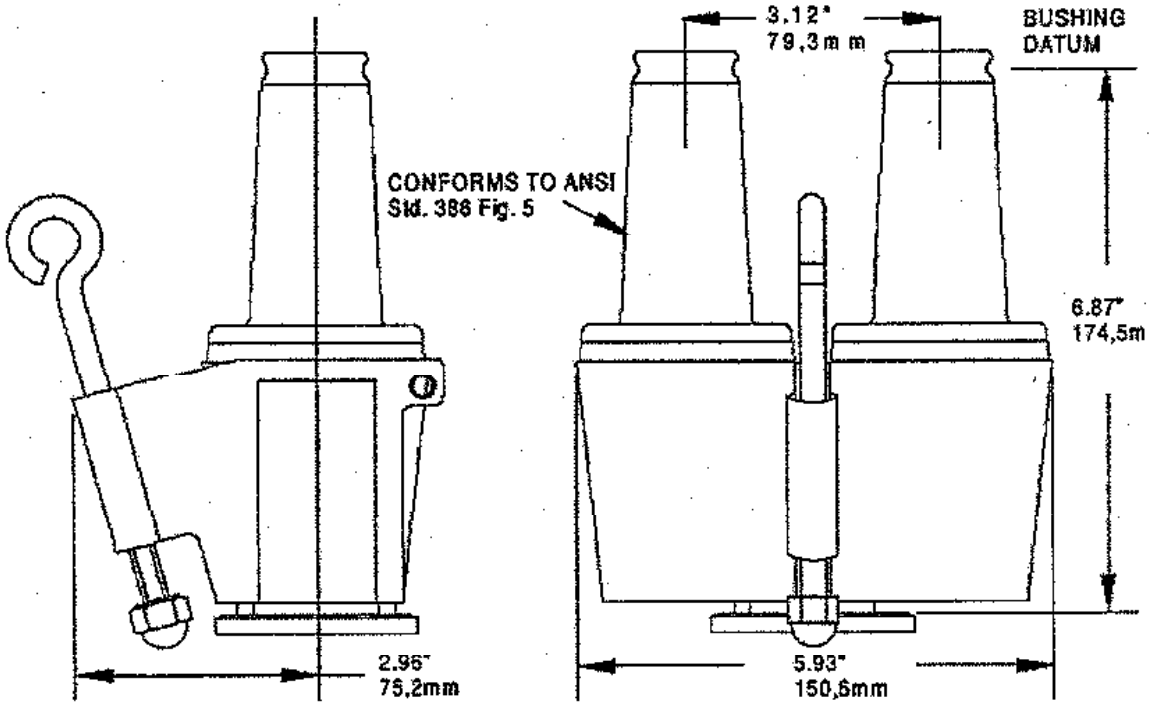
- To order, specify catalog number 160GLR Grounding Plug.

Elastimold®
Feed-Thru

Voltage Class 15kV
PRODUCT PAGE

Separable Connectors

200 Amp Loadbreak
164FT



Description

- The 164FT feed-thru is a fully shielded, fully submersible, separable insulated connector designed for energized operation. It is suitable for use on 15kV class loadbreak systems. When used in conjunction w 15kV class elbow connectors, the 164FT provides the circuit with the loadbreak junction point. Testing an grounding of the circuit is accomplished when the 164FT is used in conjunction with the 370TR and 160G When used in conjunction with a 160DR the 164FT can be used to isolate and "dead-end" the circuit. The 164FT is designed to mate with the following Elastimold products:
- 165LR/166LR elbow connector
- 370TR test rod
- 160GLR grounding elbow
- 160DR/DRG insulated cap

Ordering Instructions

- To order, specify number 164FT Feed thru

Elastimold®

Elbow Connector w/ Test Point

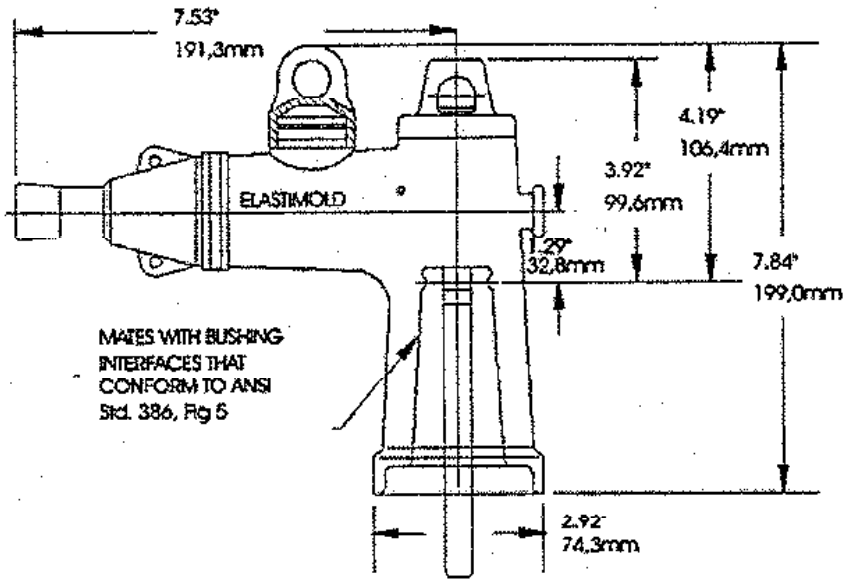
Voltage Class 15kV

PRODUCT PAGE

Separable Connectors

200 Amp Loadbreak

166LR-B5240



Description

- The Elastimold 166LR Elbow Connector is a fully rated 15kV, 200 Amp Class loadbreak connector. It includes provisions for energized operation using standard hotstick tools allowing loadmake/break operation and a visible disconnect. It has a standard interface for connecting to 15kV, 200 Amp bushing inserts, junctions and operating accessories. The 166LR is equipped with an integral voltage test point.

Features

- 15kv, 200 Amp Loadbreak Elbow
- Fully shielded, fully submersible molded rubber housing.
- 100% peroxide-cured construction includes insulation and conductive EPDM materials.
- Non-corrosive, capacitively coupled voltage test point provision with removable protective cap.
- Provision for hot stick operation.
- Provision for ground wire connection.
- Wide cable range with minimum number of sizes.
- Long bi-metal compression lug is standard.

Applications

- The 166LR is designed for connecting to and operating 15kV Class, 200 Amp distribution apparatus. It provides a convenient method to connect/disconnect cable and equipment on power distribution systems. The 166LR allows connection of cables with insulation diameters from 0.575" (14,6mm) to 1.220" (31,0mm) with only four elbow sizes. (#2 solid, 175 mil to 4/0 stranded, 260 mil).